XXII Cancer Research KI Retreat

September 22-23, 2025

GENERAL PROGRAM OUTLINE

Monday, September 22:

Bus departure from Stockholm: **08:30**

Arrival, coffee, and registration: **09:30**

Welcome and introduction: **10:05**

Morning session: **10:05**

Group photo: **12:40**

Lunch: **12:50**

Afternoon session: **13:45**

Coffee break and collection of keys: **15:30**

Breakout sessions: **16:00**

Mingle and welcoming drink: **17:30**

Dinner: **18:00**

Poster session: **20:00**

Tuesday, September 23:

Breakfast and check out: **07:30**

Morning session: **09:00**

Lunch: **11:25**

Afternoon session: **12:30**

Coffee break: **13:55**

Bus departure: **16:00**

Arrival to Stockholm: **17:00**

Keynote Speakers:

Prof. Hans Clevers, Hubrecht Institute, Utrecht University

Prof. Michelle Monje, Howard Hughes Medical Institute, Stanford University

Prof. Robert A. Weinberg, Whitehead Institute for Biomedical Research, MIT

Monday, September 22

08:30 Departure by bus from Cityterminalen, Klarabergsviadukten 17, Stockholm

09:30 Arrival at Djurönäset (estimated)

10:05 - 12:40 **Morning session**

10:05 - 10:15 **Opening and Welcome Remarks**
Elias Arnér and Linda Lindström

Chairs: **Matthias Löhr** and **Sara Abu Ajamieh**

10:15 - 10:55 **Keynote Lecture: Hans Clevers**, Hubrecht Institute, Utrecht University
"Modeling development and disease with human organoids"

11:00 - 11:15 **Janne Lehtiö**, Dep. of Oncology and Pathology, KI Proteomics platform SciLifeLab
"Cancer proteomics - adding molecular phenotypic information in precision medicine"

11:20 - 11:25 **Active break**
Svetlana Bajalica Lagercrantz

Chairs: **Hanna Brauner** and **Panagiotis Alkinoos Polychronopoulos**

11:30 - 11:45 **Qiang Pan Hammarström**, Dep. of Medical Biochemistry and Biophysics
"Genomic and transcriptomic studies: towards precision medicine in B cell lymphomas"

11:50 - 12:00 **Ahmed Osman**, Dep. of Women's and Children's Health
"Harnessing liquid biopsies for defining the mechanisms of the nervous system cancer progression and resistance to therapies"

12:05 - 12:15 **Mohammed Rasul**, Dep. of Women's and Children's Health
"Progesterone Receptor Modulator: Novel Avenues in Breast Cancer Prevention"

12:20 - 12:35 **Richard Rosenquist Brandell**, Dep. of Molecular Medicine and Surgery
"Towards precision medicine in chronic lymphocytic leukemia"

12:40 - 12:50 **Group Photo**

12:50 - 13:45 **Lunch**

13:45 - 15:30 **Afternoon session**

Chairs: **Ingemar Ernberg** and **Madeleine Barrett**

13:45 - 14:00 **Luigi de Petris**, Dep. of Oncology-Pathology; Phase I Unit, KCCC
"Applying Data-driven approaches to Real-World Data in Small-Cell Lung Cancer: Bridging the Evidence Gap to Inform Clinical Practice"

14:05 - 14:20 **Karin Ekström Smedby**, Dep. of Medicine, Solna
"Recent developments in treatment, survival and precision medicine in malignant lymphomas"

14:25 - 15:05 **Keynote lecture: Robert A. Weinberg**, Whitehead Institute for Biomedical Research, MIT
“Mechanisms of Metastatic Awakening”

15:10 - 15:30 **Poster pitches**

15:30 - 16:00 **Coffee break and collection of keys**

16:00 - 17:30 **Breakout sessions** (see detailed program on the next page)

17:30 - 18:00 **Mingle and mounting of posters**

18:00 - 20:00 **Dinner**

20:00 - 22:00 **Poster session**

Breakout Sessions

Monday, September 22 (16:00 - 17:30)

Please note:

- **Pre-registration is required for all sessions.** If you haven't registered yet, please contact the organizers to check if there are any available spots.
- Abstracts and additional information about the speakers can be found in the **extended abstract booklet available online**.

Scan the QR code to access more information about the breakout sessions

Breakout session 1: Patient Perspectives

In these sessions, you will have the opportunity to join one of our oncologists and their patients in a conversation about their journey and perspectives. Each session will begin with a brief introduction to the topic, followed by a discussion between the oncologist and the patient. The session will conclude with an open dialogue, giving the audience a chance to ask questions and engage in the conversation.

Pancreatic Cancer
Matthias Löhr, House 1 (Room 1A)

Lung Cancer
Simon Ekman, House 4 (Room 4A)

Hereditary Cancer
Svetlana Bajalica Lagercrantz, House 2 (Room 2A)

Childhood Cancer
Nikolas Herold, House 5 (Room 5A)

Melanoma
Hildur Helgadottir, House 3 (Room 3A)

Breakout session 2: Scientific Presentations

In this session, participants will have the opportunity to attend several scientific presentations selected by the Scientific Committee from submitted abstracts. A detailed program and information about each presentation can be found in the digital booklet, accessible by scanning the QR code above.

Chairs: Dimitris Kanellis and Conny Tümmler

House 7 (Conference Room 7A)

Breakout session 3: Meet the Scientist

In these sessions, participants will have the opportunity to engage in conversation with our keynote speakers in a more relaxed and informal setting. This format allows for questions that might otherwise be difficult to ask due to time constraints or their personal nature.

Prof. Michelle Monje, House 1 (Coffee Lounge)

Prof. Robert A. Weinberg, House 2 (Coffee Lounge)

Tuesday, September 23

07:00 - 08:45 **Breakfast and check-out**

09:00 - 11:25 **Morning session**

Chairs: **Margareta Wilhelm** and **Oscar Danielsson**

09:00 - 09:40 **Keynote lecture: Michelle Monje**, Howard Hughes Medical Institute, Stanford University
"The Neuroscience of Cancer"

09:45 - 10:00 **Hildur Helgadottir**, Dep. of Oncology-Pathology
"Treating metastatic melanoma and ongoing academic translational studies: PROMMEL, BioMelanom and SWE-NEO"

10:05 - 10:15 **Glancis Luzeena Raja**, Dep. of Medical Biochemistry and Biophysics
"Uncovering novel microproteins driving chemoresistance in pancreatic ductal adenocarcinoma"

10:20 - 10:30 **Cheng-De Liu**, Dep. of Oncology-Pathology
"Bridging the Heterogeneity Gap: Single-Cell Transcriptomic Heterogeneity Measurement as a Guide to Enhance Neuroblastoma Organoid Diversity"

Chairs: **Klas Wiman** and **Sara Söderqvist**

10:35 - 10:50 **Susanne Schilisio**, Dep. of Oncology-Pathology
"Intratumor Heterogeneity and Plasticity in Neuroblastoma and Paraganglioma: From Developmental Origins to Therapy Resistance"

10:55 - 11:05 **Damien Kaukonen**, Dep. of Medical Epidemiology and Biostatistics
"The Risk of HER2+ Breast Cancer; Before and After Diagnosis"

11:10 - 11:20 **Hala Habash**, Dep. of Women's and Children's Health
"Drugging the undruggable target: Gemcitabine and cytarabine kill Ewing sarcoma cells through inhibition of SAMHD1 and degradation of the Ewing sarcoma fusion protein"

11:25 - 12:30 **Lunch**

12:30 - 15:00 **Afternoon session**

Chairs: **David Lane** and **Mattias Hammarström**

12:30 - 12:45 **Simon Ekman**, Dep. of Oncology-Pathology
"Overcoming Treatment Resistance to Targeted Therapies in Lung Cancer – Development of Novel Therapies using a Multiomics Approach"

12:50 - 13:00 **Mingzhi Liu**, Dep. of Microbiology, Tumor and Cell Biology
"Germline ALK-R1275Q Mutation Drives a Proliferative, Undifferentiated State and Accelerate Neuroblastoma Initiation"

13:05 - 13:15 **Berenice Fischer**, Dep. of Medicine, Solna
"Spatially dissecting the role of macrophages in cutaneous lymphoma"

13:20 - 13:35 **Kamila Czene**, Dep. of Medical Epidemiology and Biostatistics
"Improving the mammography screening for breast cancer"

13:40 - 13:50 **Ann-Britt Johansson**, Karolinska Comprehensive Cancer Center
"Uniting Science and Care: Karolinska CCC's Comprehensive Mission"

13:55 - 14:30 **Coffee break**

Chairs: **Galina Selivanova** and **Nan Sophia Han**

14:30 - 14:40 **Ingemar Ernberg**, Dep. of Microbiology, Tumor and Cell Biology
"Unresolved enigmas in understanding the biology of nasopharyngeal carcinoma (NPC)"

14:45 - 14:55 **Active Break**

15:00 - 15:15 **Conclusions; Poster prizes**

16:00 **Bus departure**

17:00 **Arrival to Stockholm Cityterminalen** (estimated)